

Converting Colors

$Yxy(44.0367, 0.2827, 0.2658)$

Have a look what the booklet for
Yxy(44.0367, 0.2827, 0.2658)
contains.

Yxy(43.9685, 0.2823, 0.2650)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(43.9685, 0.2823, 0.2650)

Conversions

Conversions Part 1

Format	Color
Hex	B6AADE
RGB	182, 170, 222
RGB Percent	71%, 67%, 87%
CMY	0.2865, 0.3332, 0.1295
CMYK	0.18, 0.23, 0.00, 0.13
HSL	254°, 44%, 77%
HSV	254°, 23%, 87%
XYZ	46.8389, 43.9685, 75.1115
YIQ	179.5160, -9.5400, 18.7160

Conversions

Conversions Part 2

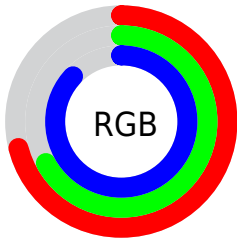
Format	Color
RYB	182, 170, 222
Decimal	11971294
CIELab	72.21, 14.73, -24.64
CIELCh	72, 28.704, 300.878
Yxy	43.9685, 0.2823, 0.2650
Android (android.graphics.Color)	4290161374 (0xFFB6AADE)
YUV	179.5160, 20.9446, 2.1785
Hunter-Lab	66.3087, 10.0478, -20.7448

Details

The Yxy color $43.9685, 0.2823, 0.2650$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $68.8465, 0.3388, 0.3890$, and the grayscale version is $45.2562, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.2476, 0.3026, 0.2989$, and $20.3361, 0.2726, 0.2480$ is the 20% darker color. If you saturate the color by 10%, you get $34.3808, 0.2664, 0.2335$, and if you desaturate by 10%, it is $55.2194, 0.2965, 0.2942$.

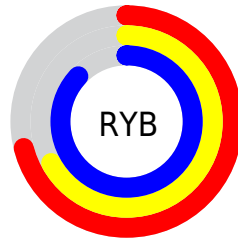
Distribution



Red (71%)

Green (67%)

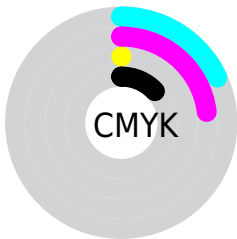
Blue (87%)



Red (71%)

Yellow (67%)

Blue (87%)

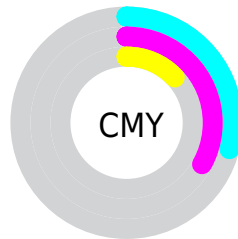


Cyan (18%)

Magenta (23%)

Yellow (0%)

Black (13%)



Cyan (29%)


Magenta (33%)


Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.9685, 0.2823, 0.2650 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 43.9685, 0.2823, 0.2650 by changing the saturation by 10% instead.


 43.9685, 0.2823,
0.2650

 43.9685, 0.2823,
0.2650


 362.5797, 0.2978,
0.2960


 30.6457, 0.2784,
0.2576


 81.1703, 0.2880,
0.2760


 20.3292, 0.2733,
0.2483


 105.8182, 0.2901,
0.2802

 12.6346, 0.2665,
0.2363


 135.0099, 0.2919,
0.2838

 7.1774, 0.2571,
0.2203

 169.1299, 0.2934,
0.2869

 3.5733, 0.2432,
0.1979

 208.5624, 0.2948,
0.2896

 1.4379, 0.2209,
0.1649

 253.6920, 0.2959,

 0.2444, 0.1832,

0.2920

0.0757

304.9029, 0.2969,
0.2941

0.0000, 0.0000,
0.0000

43.9685, 0.2823,
0.2650

43.9685, 0.2823,
0.2650

34.3808, 0.2664,
0.2335

55.2194, 0.2965,
0.2942

26.3711, 0.2490,
0.2004

68.2024, 0.3089,
0.3207

19.8551, 0.2306,
0.1672

82.9889, 0.3196,
0.3442

14.7380, 0.2122,
0.1359

97.1847, 0.3291,
0.3615

10.9140, 0.1948,
0.1084

98.0529, 0.3322,
0.3611

■ 8.2617, 0.1796,
0.0868

■ 6.6353, 0.1676,
0.0725

■ 5.9749, 0.1616,
0.0664

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



43.9685, 0.2521, 0.2644



43.9685, 0.2823, 0.2650



43.9685, 0.3226, 0.2802

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



43.9685, 0.2823, 0.2650



43.9685, 0.3932, 0.3713



43.9685, 0.2636, 0.3510

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



43.9685, 0.2823, 0.2650



68.8465, 0.3388, 0.3890

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



43.9685, 0.2990, 0.3861



43.9685, 0.2823, 0.2650



43.9685, 0.3746, 0.3955

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



43.9685, 0.2823, 0.2650



43.9685, 0.3890, 0.3390



43.9685, 0.3397, 0.4024



43.9685, 0.2419, 0.3111

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.9685, 0.2823, 0.2650



43.9685, 0.3501, 0.2968



43.9685, 0.3397, 0.4024



43.9685, 0.2742, 0.3640

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



43.9703, 0.2823, 0.2650



86.6192, 0.3046, 0.3113



60.2734, 0.2772, 0.3152



18.3054, 0.3038, 0.3097



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.9703, 0.2823, 0.2650



53.6118, 0.2748, 0.2501



47.3348, 0.3030, 0.2688



13.3942, 0.3016, 0.3050



3.5911, 0.1627, 0.0670



0.2891, 0.1779, 0.0753

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



48.9418, 0.3253, 0.2836



61.5845, 0.3284, 0.2740



65.4186, 0.3201, 0.3927



13.8790, 0.3173, 0.3111



10.9900, 0.3888, 0.1915



0.7751, 0.3762, 0.1846

Previews

White Background



This preview shows how the Yxy color 43.9685, 0.2823, 0.2650 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 43.9685, 0.2823, 0.2650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

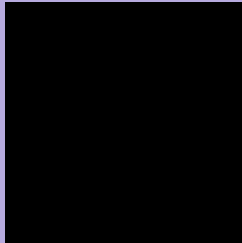
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.9685, 0.2823, 0.2650

Background



This preview shows how black text looks on a background with the Yxy color 43.9685, 0.2823, 0.2650.



This preview shows how white text looks on a background with the Yxy color 43.9685, 0.2823, 0.2650.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

43.9685, 0.2823, 0.2650

Protanopia

44.0434, 0.2664, 0.2645

Deuteranopia

44.1505, 0.2748, 0.2697



Tritanopia

43.9985, 0.3016, 0.3106

Trichromacy



Original Color

43.9685, 0.2823, 0.2650

Protanomaly

43.9813, 0.2720, 0.2639

Deuteranomaly

44.2216, 0.2778, 0.2689

Tritanomaly

44.0013, 0.2940, 0.2929

Monochromacy



Original Color

43.9685, 0.2823, 0.2650

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.8146, 0.3019, 0.3045

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9685, 0.2823, 0.2650 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(182, 170, 222)` looks like.

```
.text, #text, p{  
    color:rgb(182, 170, 222)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(182, 170, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 170, 222) }
```

Border

The CSS property to change the border of an element to Yxy 43.9685, 0.2823, 0.2650 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(182, 170, 222) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(182, 170, 222) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(182, 170, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 170, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 170, 222);  
box-shadow:4px 4px 4px 4px rgb(182, 170,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9685, 0.2823, 0.2650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 170, 222) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(182,  
170, 222) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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